

miRCURY LNA™ miRNA Focus PCR Panels

Human Cancer PathwayFinder X-Large Focus (miScript 384HC) Product Data Sheet

Cat. no. 339325 YAHS-402Z

For mature miRNA expression profiling using real-time PCR

Format	Suitable real-time cyclers	Plate	Cat. no.
E	Applied Biosystems® models 7900HT (384-well block), Viia™ 7 (384-well block); Bio-Rad CFX384™	384-well	YAHS-402ZE
G	Roche® LightCycler® 480 (384-well block)	384-well	YAHS-402ZG

Description

The Human Cancer PathwayFinder X-Large Focus (miScript 384HC) miRCURY LNA™ miRNA Focus PCR Panel profiles the expression of 372 miRNAs differentially expressed in tumors versus normal tissue. This array provides cancer researchers with a convenient way to quickly analyze the miRNAs most relevant to tumorigenesis. These miRNAs have been carefully selected based on results published in peer-reviewed journals that suggest a correlation with the diagnosis, staging, progression, or prognosis of various cancers or tumors. For any given cancer, diagnosis markers are highly associated with its presence, while prognosis markers are used to successfully predict its clinical outcome. The profiling results from this array may yield insights into the molecular mechanisms behind the pathogenesis of many cancers or tumor types. A set of controls present on this array enables data analysis using the $\Delta\Delta CT$ method of relative quantification, assessment of reverse transcription performance, and assessment of PCR performance. Using SYBR Green real-time PCR, the expression of a focused panel of miRNAs related to cancer research can be easily and reliably analyzed with this miRCURY LNA™ miRNA Focus PCR Panel.

For further details, consult the *miRCURY LNA™ miRCURY LNA™ miRNA Focus PCR Panels Handbook*.

Array Layout

15	16	17	18	19	20	21	22	23	24
hsa-miR-100-5p	hsa-miR-101-3p	hsa-miR-103a-3p	hsa-miR-105-5p	hsa-miR-106a-3p	hsa-miR-106b-3p	hsa-miR-106b-5p	hsa-miR-107	hsa-miR-10a-3p	hsa-miR-10a-5p
hsa-miR-1275	hsa-miR-127-5p	hsa-miR-128-3p	hsa-miR-1285-3p	hsa-miR-1287-5p	hsa-miR-129-5p	hsa-miR-130a-3p	hsa-miR-130a-5p	hsa-miR-130b-3p	hsa-miR-132-3p
hsa-miR-140-5p	hsa-miR-141-3p	hsa-miR-141-5p	hsa-miR-142-3p	hsa-miR-142-5p	hsa-miR-143-3p	hsa-miR-144-3p	hsa-miR-144-5p	hsa-miR-145-3p	hsa-miR-145-5p
hsa-miR-153-3p	hsa-miR-154-3p	hsa-miR-154-5p	hsa-miR-155-3p	hsa-miR-155-5p	hsa-miR-15a-5p	hsa-miR-15b-3p	hsa-miR-15b-5p	hsa-miR-16-5p	hsa-miR-17-3p
hsa-miR-186-5p	hsa-miR-187-3p	hsa-miR-18a-3p	hsa-miR-18a-5p	hsa-miR-18b-5p	hsa-miR-190a-5p	hsa-miR-191-3p	hsa-miR-191-5p	hsa-miR-192-3p	hsa-miR-192-5p
hsa-miR-199a-5p	hsa-miR-199b-5p	hsa-miR-19a-3p	hsa-miR-19a-5p	hsa-miR-19b-3p	hsa-miR-200a-3p	hsa-miR-200a-5p	hsa-miR-200b-3p	hsa-miR-200b-5p	hsa-miR-200c-3p
hsa-miR-211-5p	hsa-miR-212-3p	hsa-miR-21-3p	hsa-miR-214-3p	hsa-miR-215-5p	hsa-miR-21-5p	hsa-miR-216a-5p	hsa-miR-216b-5p	hsa-miR-217-5p	hsa-miR-218-5p
hsa-miR-24-3p	hsa-miR-25-3p	hsa-miR-25-5p	hsa-miR-26a-5p	hsa-miR-26b-3p	hsa-miR-26b-5p	hsa-miR-27a-3p	hsa-miR-27a-5p	hsa-miR-27b-3p	hsa-miR-27b-5p
hsa-miR-302a-3p	hsa-miR-30a-3p	hsa-miR-30a-5p	hsa-miR-30b-3p	hsa-miR-30b-5p	hsa-miR-30c-5p	hsa-miR-30a-3p	hsa-miR-30a-5p	hsa-miR-30e-3p	hsa-miR-30e-5p
hsa-miR-335-5p	hsa-miR-337-3p	hsa-miR-338-3p	hsa-miR-339-5p	hsa-miR-33a-3p	hsa-miR-33a-5p	hsa-miR-33b-5p	hsa-miR-340-3p	hsa-miR-340-5p	hsa-miR-342-3p
hsa-miR-372-3p	hsa-miR-373-3p	hsa-miR-374a-3p	hsa-miR-374a-5p	hsa-miR-375-3p	hsa-miR-376a-3p	hsa-miR-376b-3p	hsa-miR-376c-3p	hsa-miR-377-3p	hsa-miR-378a-3p
hsa-miR-429	hsa-miR-432-5p	hsa-miR-433-3p	hsa-miR-449a	hsa-miR-449b-5p	hsa-miR-451a	hsa-miR-452-5p	hsa-miR-455-3p	hsa-miR-455-5p	hsa-miR-483-3p
hsa-miR-497-3p	hsa-miR-497-5p	hsa-miR-498-5p	hsa-miR-499a-5p	hsa-miR-500a-5p	hsa-miR-503-5p	hsa-miR-504-5p	hsa-miR-506-3p	hsa-miR-506-5p	hsa-miR-507
hsa-miR-520g-3p	hsa-miR-524-3p	hsa-miR-542-3p	hsa-miR-542-5p	hsa-miR-552-3p	hsa-miR-570-3p	hsa-miR-584-5p	hsa-miR-586	hsa-miR-588	hsa-miR-592
hsa-miR-652-5p	hsa-miR-661	hsa-miR-663a	hsa-miR-708-5p	hsa-miR-744-5p	hsa-miR-7-5p	hsa-miR-765	hsa-miR-885-3p	hsa-miR-885-5p	hsa-miR-92a-3p
SNORD44 (hsa)	SNORD388 (hsa)	SNORD49A (hsa)	U6 snRNA (v2)	cel-miR-39-3p	UniSp2	UniSp4	UniSp5	UniSp6	UniSp3

5	6	7	8	9	10	11	12	13	14
hsa-let-7c-5p	hsa-let-7d-5p	hsa-let-7e-3p	hsa-let-7e-5p	hsa-let-7f-5p	hsa-let-7g-5p	hsa-let-7f-3p	hsa-let-7f-5p	hsa-miR-1-3p	hsa-miR-100-3p
hsa-miR-1228-3p	hsa-miR-1228-5p	hsa-miR-124-3p	hsa-miR-125a-3p	hsa-miR-125a-5p	hsa-miR-125b-1-3p	hsa-miR-125b-5p	hsa-miR-126-3p	hsa-miR-126-5p	hsa-miR-127-3p
hsa-miR-135a-3p	hsa-miR-135a-5p	hsa-miR-135b-3p	hsa-miR-135b-5p	hsa-miR-136-5p	hsa-miR-137-3p	hsa-miR-138-5p	hsa-miR-139-3p	hsa-miR-139-5p	hsa-miR-140-3p
hsa-miR-147a	hsa-miR-148a-3p	hsa-miR-148a-5p	hsa-miR-148b-3p	hsa-miR-148b-5p	hsa-miR-149-3p	hsa-miR-149-5p	hsa-miR-150-5p	hsa-miR-151a-3p	hsa-miR-152-3p
hsa-miR-181b-5p	hsa-miR-181c-5p	hsa-miR-181d-5p	hsa-miR-182-3p	hsa-miR-182-5p	hsa-miR-183-3p	hsa-miR-183-5p	hsa-miR-184	hsa-miR-185-3p	hsa-miR-185-5p
hsa-miR-194-3p	hsa-miR-194-5p	hsa-miR-195-3p	hsa-miR-195-5p	hsa-miR-196a-3p	hsa-miR-196a-5p	hsa-miR-196b-5p	hsa-miR-197-3p	hsa-miR-198	hsa-miR-199a-3p
hsa-miR-204-5p	hsa-miR-205-3p	hsa-miR-205-5p	hsa-miR-206	hsa-miR-20a-3p	hsa-miR-20a-5p	hsa-miR-20b-3p	hsa-miR-20b-5p	hsa-miR-210-3p	hsa-miR-211-3p
hsa-miR-223-3p	hsa-miR-223-5p	hsa-miR-22-3p	hsa-miR-224-3p	hsa-miR-224-5p	hsa-miR-22-5p	hsa-miR-23a-3p	hsa-miR-23a-5p	hsa-miR-23b-3p	hsa-miR-23b-5p
hsa-miR-29a-3p	hsa-miR-29a-5p	hsa-miR-29b-3p	hsa-miR-29c-3p	hsa-miR-29c-5p	hsa-miR-301a-3p	hsa-miR-302a-3p	hsa-miR-302b-3p	hsa-miR-302b-5p	hsa-miR-302c-3p
hsa-miR-32-3p	hsa-miR-324-5p	hsa-miR-325	hsa-miR-32-5p	hsa-miR-326	hsa-miR-328-3p	hsa-miR-330-3p	hsa-miR-331-3p	hsa-miR-331-5p	hsa-miR-335-3p
hsa-miR-34a-5p	hsa-miR-34b-3p	hsa-miR-34c-3p	hsa-miR-34c-5p	hsa-miR-361-5p	hsa-miR-363-3p	hsa-miR-365a-3p	hsa-miR-367-3p	hsa-miR-370-3p	hsa-miR-371a-3p
hsa-miR-383-5p	hsa-miR-409-3p	hsa-miR-409-5p	hsa-miR-410-3p	hsa-miR-421	hsa-miR-422a	hsa-miR-423-3p	hsa-miR-423-5p	hsa-miR-424-5p	hsa-miR-425-5p
hsa-miR-486-5p	hsa-miR-487b-3p	hsa-miR-488-3p	hsa-miR-489-3p	hsa-miR-491-5p	hsa-miR-492	hsa-miR-493-3p	hsa-miR-493-5p	hsa-miR-494-3p	hsa-miR-495-3p
hsa-miR-517a-3p	hsa-miR-518b	hsa-miR-518c-3p	hsa-miR-519a-3p	hsa-miR-519c-3p	hsa-miR-519d-3p	hsa-miR-519e-3p	hsa-miR-520b-3p	hsa-miR-520c-3p	hsa-miR-520e-3p
hsa-miR-608	hsa-miR-616-3p	hsa-miR-622	hsa-miR-625-5p	hsa-miR-629-5p	hsa-miR-630	hsa-miR-635	hsa-miR-637	hsa-miR-650	hsa-miR-652-3p
hsa-miR-9-5p	hsa-miR-96-3p	hsa-miR-96-5p	hsa-miR-98-5p	hsa-miR-99a-3p	hsa-miR-99a-5p	hsa-miR-99b-3p	hsa-miR-99b-5p	cel-miR-39-3p	cel-miR-39-3p

	1	2	3	4
A	hsa-let-7a-3p	hsa-let-7a-5p	hsa-let-7b-3p	hsa-let-7b-5p
B	hsa-miR-10b-5p	hsa-miR-1204	hsa-miR-1207-3p	hsa-miR-122-5p
C	hsa-miR-132-5p	hsa-miR-133a-3p	hsa-miR-133b	hsa-miR-134-5p
D	hsa-miR-146a-3p	hsa-miR-146a-5p	hsa-miR-146b-3p	hsa-miR-146b-5p
E	hsa-miR-17-5p	hsa-miR-181a-3p	hsa-miR-181a-5p	hsa-miR-181b-3p
F	hsa-miR-193a-3p	hsa-miR-193a-5p	hsa-miR-193b-3p	hsa-miR-193b-5p
G	hsa-miR-200c-5p	hsa-miR-202-3p	hsa-miR-203a-3p	hsa-miR-204-3p
H	hsa-miR-219a-5p	hsa-miR-221-3p	hsa-miR-222-3p	hsa-miR-222-5p
I	hsa-miR-28-5p	hsa-miR-296-5p	hsa-miR-297	hsa-miR-298
J	hsa-miR-31-5p	hsa-miR-320a-3p	hsa-miR-323a-3p	hsa-miR-323a-5p
K	hsa-miR-345-3p	hsa-miR-345-5p	hsa-miR-346	hsa-miR-34a-3p
L	hsa-miR-379-3p	hsa-miR-379-5p	hsa-miR-381-3p	hsa-miR-382-5p
M	hsa-miR-483-5p	hsa-miR-484	hsa-miR-485-5p	hsa-miR-486-3p
N	hsa-miR-508-3p	hsa-miR-511-5p	hsa-miR-512-3p	hsa-miR-514a-3p
O	hsa-miR-596	hsa-miR-601	hsa-miR-605-5p	hsa-miR-607
P	hsa-miR-92b-3p	hsa-miR-93-5p	hsa-miR-9-3p	hsa-miR-95-3p

miRNA Table

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
A01	hsa-let-7a-3p	MIMAT0004481	YP00206084	I01	hsa-miR-28-5p	MIMAT0000085	YP00204322
A02	hsa-let-7a-5p	MIMAT0000062	YP00205727	I02	hsa-miR-296-5p	MIMAT0000690	YP00204436
A03	hsa-let-7b-3p	MIMAT0004482	YP00205653	I03	hsa-miR-297	MIMAT0004450	YP02119527
A04	hsa-let-7b-5p	MIMAT0000063	YP00204750	I04	hsa-miR-298	MIMAT0004901	YP00204115
A05	hsa-let-7c-5p	MIMAT0000064	YP00204767	I05	hsa-miR-29a-3p	MIMAT0000086	YP00204698
A06	hsa-let-7d-5p	MIMAT0000065	YP00204124	I06	hsa-miR-29a-5p	MIMAT0004503	YP00204430
A07	hsa-let-7e-3p	MIMAT0004485	YP00205301	I07	hsa-miR-29b-3p	MIMAT0000100	YP00204679
A08	hsa-let-7e-5p	MIMAT0000066	YP00205711	I08	hsa-miR-29c-3p	MIMAT0000681	YP00204729
A09	hsa-let-7f-5p	MIMAT0000067	YP00204359	I09	hsa-miR-29c-5p	MIMAT0004673	YP00204132
A10	hsa-let-7g-5p	MIMAT0000414	YP00204565	I10	hsa-miR-301a-3p	MIMAT0000688	YP00205601
A11	hsa-let-7i-3p	MIMAT0004585	YP00204247	I11	hsa-miR-302a-3p	MIMAT0000684	YP00206059
A12	hsa-let-7i-5p	MIMAT0000415	YP00204394	I12	hsa-miR-302b-3p	MIMAT0000715	YP00204773
A13	hsa-miR-1-3p	MIMAT0000416	YP00204344	I13	hsa-miR-302b-5p	MIMAT0000714	YP00205676
A14	hsa-miR-100-3p	MIMAT0004512	YP00204535	I14	hsa-miR-302c-3p	MIMAT0000717	YP00204403
A15	hsa-miR-100-5p	MIMAT0000098	YP00205689	I15	hsa-miR-302d-3p	MIMAT0000718	YP00204311
A16	hsa-miR-101-3p	MIMAT0000099	YP00204786	I16	hsa-miR-30a-3p	MIMAT0000088	YP00204457
A17	hsa-miR-103a-3p	MIMAT0000101	YP00204063	I17	hsa-miR-30a-5p	MIMAT0000087	YP00205695
A18	hsa-miR-105-5p	MIMAT0000102	YP00204389	I18	hsa-miR-30b-3p	MIMAT0004589	YP00206003
A19	hsa-miR-106a-3p	MIMAT0004517	YP00204443	I19	hsa-miR-30b-5p	MIMAT0000420	YP00204765
A20	hsa-miR-106b-3p	MIMAT0004672	YP00204020	I20	hsa-miR-30c-5p	MIMAT0000244	YP00204783
A21	hsa-miR-106b-5p	MIMAT0000680	YP00205884	I21	hsa-miR-30d-3p	MIMAT0004551	YP00204023
A22	hsa-miR-107	MIMAT0000104	YP00204468	I22	hsa-miR-30d-5p	MIMAT0000245	YP00206047
A23	hsa-miR-10a-3p	MIMAT0004555	YP00205688	I23	hsa-miR-30e-3p	MIMAT0000693	YP00204410
A24	hsa-miR-10a-5p	MIMAT0000253	YP00204778	I24	hsa-miR-30e-5p	MIMAT0000692	YP00204714
B01	hsa-miR-10b-5p	MIMAT0000254	YP00205637	J01	hsa-miR-31-5p	MIMAT0000089	YP00204236
B02	hsa-miR-1204	MIMAT0005868	YP00204123	J02	hsa-miR-320a-3p	MIMAT0000510	YP00206042
B03	hsa-miR-1207-3p	MIMAT0005872	YP00205610	J03	hsa-miR-323a-3p	MIMAT0000755	YP00204278
B04	hsa-miR-122-5p	MIMAT0000421	YP00205664	J04	hsa-miR-323a-5p	MIMAT0004696	YP00206080
B05	hsa-miR-1228-3p	MIMAT0005583	YP02119681	J05	hsa-miR-32-3p	MIMAT0004505	YP00205648
B06	hsa-miR-1228-5p	MIMAT0005582	YP02112262	J06	hsa-miR-324-5p	MIMAT0000761	YP02119473
B07	hsa-miR-124-3p	MIMAT0000422	YP00206026	J07	hsa-miR-325	MIMAT0000771	YP00204464
B08	hsa-miR-125a-3p	MIMAT0004602	YP00204446	J08	hsa-miR-32-5p	MIMAT0000090	YP00204792
B09	hsa-miR-125a-5p	MIMAT0000443	YP00204339	J09	hsa-miR-326	MIMAT0000756	YP00204512
B10	hsa-miR-125b-1-3p	MIMAT0004592	YP00204400	J10	hsa-miR-328-3p	MIMAT0000752	YP00204364
B11	hsa-miR-125b-5p	MIMAT0000423	YP00205713	J11	hsa-miR-330-3p	MIMAT0000751	YP00204017
B12	hsa-miR-126-3p	MIMAT0000445	YP00204227	J12	hsa-miR-331-3p	MIMAT0000760	YP00206046
B13	hsa-miR-126-5p	MIMAT0000444	YP00206010	J13	hsa-miR-331-5p	MIMAT0004700	YP00204423
B14	hsa-miR-127-3p	MIMAT0000446	YP00204048	J14	hsa-miR-335-3p	MIMAT0004703	YP00205613
B15	hsa-miR-1275	MIMAT0005929	YP02101914	J15	hsa-miR-335-5p	MIMAT0000765	YP02119293
B16	hsa-miR-127-5p	MIMAT0004604	YP00204161	J16	hsa-miR-337-3p	MIMAT0000754	YP00205938
B17	hsa-miR-128-3p	MIMAT0000424	YP00205995	J17	hsa-miR-338-3p	MIMAT0000763	YP00204719
B18	hsa-miR-1285-3p	MIMAT0005876	YP02113268	J18	hsa-miR-339-5p	MIMAT0000764	YP00206007
B19	hsa-miR-1287-5p	MIMAT0005878	YP02107699	J19	hsa-miR-33a-3p	MIMAT0004506	YP00204086
B20	hsa-miR-129-5p	MIMAT0000242	YP00204534	J20	hsa-miR-33a-5p	MIMAT0000091	YP00205690
B21	hsa-miR-130a-3p	MIMAT0000425	YP00204658	J21	hsa-miR-33b-5p	MIMAT0003301	YP00205860
B22	hsa-miR-130a-5p	MIMAT0004593	YP02119308	J22	hsa-miR-340-3p	MIMAT0000750	YP00204250
B23	hsa-miR-130b-3p	MIMAT0000691	YP00204317	J23	hsa-miR-340-5p	MIMAT0004692	YP00206068
B24	hsa-miR-132-3p	MIMAT0000426	YP00206035	J24	hsa-miR-342-3p	MIMAT0000753	YP00205625
C01	hsa-miR-132-5p	MIMAT0004594	YP00204552	K01	hsa-miR-345-3p	MIMAT0022698	YP02101775

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
C02	hsa-miR-133a-3p	MIMAT0000427	YP00204788	K02	hsa-miR-345-5p	MIMAT0000772	YP00206006
C03	hsa-miR-133b	MIMAT0000770	YP00206058	K03	hsa-miR-346	MIMAT0000773	YP00206009
C04	hsa-miR-134-5p	MIMAT0000447	YP00205989	K04	hsa-miR-34a-3p	MIMAT0004557	YP00206061
C05	hsa-miR-135a-3p	MIMAT0004595	YP00204022	K05	hsa-miR-34a-5p	MIMAT0000255	YP00204486
C06	hsa-miR-135a-5p	MIMAT0000428	YP00204762	K06	hsa-miR-34b-3p	MIMAT0004676	YP00204005
C07	hsa-miR-135b-3p	MIMAT0004698	YP00204427	K07	hsa-miR-34c-3p	MIMAT0004677	YP00204373
C08	hsa-miR-135b-5p	MIMAT0000758	YP00204130	K08	hsa-miR-34c-5p	MIMAT0000686	YP00205659
C09	hsa-miR-136-5p	MIMAT0000448	YP00204779	K09	hsa-miR-361-5p	MIMAT0000703	YP00206054
C10	hsa-miR-137-3p	MIMAT0000429	YP00206062	K10	hsa-miR-363-3p	MIMAT0000707	YP00204726
C11	hsa-miR-138-5p	MIMAT0000430	YP00206078	K11	hsa-miR-365a-3p	MIMAT0000710	YP00204622
C12	hsa-miR-139-3p	MIMAT0004552	YP00205661	K12	hsa-miR-367-3p	MIMAT0000719	YP00204784
C13	hsa-miR-139-5p	MIMAT0000250	YP00205874	K13	hsa-miR-370-3p	MIMAT0000722	YP00204011
C14	hsa-miR-140-3p	MIMAT0004597	YP00204304	K14	hsa-miR-371a-3p	MIMAT0000723	YP00204299
C15	hsa-miR-140-5p	MIMAT0000431	YP00204540	K15	hsa-miR-372-3p	MIMAT0000724	YP00204137
C16	hsa-miR-141-3p	MIMAT0000432	YP00204504	K16	hsa-miR-373-3p	MIMAT0000726	YP00204604
C17	hsa-miR-141-5p	MIMAT0004598	YP00206088	K17	hsa-miR-374a-3p	MIMAT0004688	YP00205692
C18	hsa-miR-142-3p	MIMAT0000434	YP00204291	K18	hsa-miR-374a-5p	MIMAT0000727	YP00204758
C19	hsa-miR-142-5p	MIMAT0000433	YP00204722	K19	hsa-miR-375-3p	MIMAT0000728	YP00204362
C20	hsa-miR-143-3p	MIMAT0000435	YP00205992	K20	hsa-miR-376a-3p	MIMAT0000729	YP00204508
C21	hsa-miR-144-3p	MIMAT0000436	YP00204754	K21	hsa-miR-376b-3p	MIMAT0002172	YP00204218
C22	hsa-miR-144-5p	MIMAT0004600	YP00204670	K22	hsa-miR-376c-3p	MIMAT0000720	YP00204442
C23	hsa-miR-145-3p	MIMAT0004601	YP00204192	K23	hsa-miR-377-3p	MIMAT0000730	YP00204733
C24	hsa-miR-145-5p	MIMAT0000437	YP00204483	K24	hsa-miR-378a-3p	MIMAT0000732	YP00205946
D01	hsa-miR-146a-3p	MIMAT0004608	YP00204401	L01	hsa-miR-379-3p	MIMAT0004690	YP00204345
D02	hsa-miR-146a-5p	MIMAT0000449	YP00204688	L02	hsa-miR-379-5p	MIMAT0000733	YP00205658
D03	hsa-miR-146b-3p	MIMAT0004766	YP02119309	L03	hsa-miR-381-3p	MIMAT0000736	YP00205887
D04	hsa-miR-146b-5p	MIMAT0002809	YP02119310	L04	hsa-miR-382-5p	MIMAT0000737	YP00204169
D05	hsa-miR-147a	MIMAT0000251	YP00204398	L05	hsa-miR-383-5p	MIMAT0000738	YP00205904
D06	hsa-miR-148a-3p	MIMAT0000243	YP00205867	L06	hsa-miR-409-3p	MIMAT0001639	YP00204358
D07	hsa-miR-148a-5p	MIMAT0004549	YP00204188	L07	hsa-miR-409-5p	MIMAT0001638	YP00204014
D08	hsa-miR-148b-3p	MIMAT0000759	YP00204047	L08	hsa-miR-410-3p	MIMAT0002171	YP00204042
D09	hsa-miR-148b-5p	MIMAT0004699	YP00204735	L09	hsa-miR-421	MIMAT0003339	YP00204603
D10	hsa-miR-149-3p	MIMAT0004609	YP00204093	L10	hsa-miR-422a	MIMAT0001339	YP00204164
D11	hsa-miR-149-5p	MIMAT0000450	YP00204321	L11	hsa-miR-423-3p	MIMAT0001340	YP00204488
D12	hsa-miR-150-5p	MIMAT0000451	YP00204660	L12	hsa-miR-423-5p	MIMAT0004748	YP00205624
D13	hsa-miR-151a-3p	MIMAT0000757	YP00204576	L13	hsa-miR-424-5p	MIMAT0001341	YP00204736
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D15	hsa-miR-153-3p	MIMAT0000439	YP00204338	L15	hsa-miR-429	MIMAT0001536	YP00205901
D16	hsa-miR-154-3p	MIMAT0000453	YP00204096	L16	hsa-miR-432-5p	MIMAT0002814	YP00204776
D17	hsa-miR-154-5p	MIMAT0000452	YP00204518	L17	hsa-miR-433-3p	MIMAT0001627	YP00204036
D18	hsa-miR-155-3p	MIMAT0004658	YP00204000	L18	hsa-miR-449a	MIMAT0001541	YP00204481
D19	hsa-miR-155-5p	MIMAT0000646	YP02119311	L19	hsa-miR-449b-5p	MIMAT0003327	YP00204751
D20	hsa-miR-15a-5p	MIMAT0000068	YP00204066	L20	hsa-miR-451a	MIMAT0001631	YP02119305
D21	hsa-miR-15b-3p	MIMAT0004586	YP00205898	L21	hsa-miR-452-5p	MIMAT0001635	YP00204301
D22	hsa-miR-15b-5p	MIMAT0000417	YP00204243	L22	hsa-miR-455-3p	MIMAT0004784	YP00204035
D23	hsa-miR-16-5p	MIMAT0000069	YP00205702	L23	hsa-miR-455-5p	MIMAT0003150	YP00204363
D24	hsa-miR-17-3p	MIMAT0000071	YP00206008	L24	hsa-miR-483-3p	MIMAT0002173	YP00204012
E01	hsa-miR-17-5p	MIMAT0000070	YP02119304	M01	hsa-miR-483-5p	MIMAT0004761	YP00205693
E02	hsa-miR-181a-3p	MIMAT0000270	YP00204110	M02	hsa-miR-484	MIMAT0002174	YP00205636
E03	hsa-miR-181a-5p	MIMAT0000256	YP00206081	M03	hsa-miR-485-5p	MIMAT0002175	YP02112548

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
E04	hsa-miR-181b-3p	MIMAT0022692	YP02106895	M04	hsa-miR-486-3p	MIMAT0004762	YP00204107
E05	hsa-miR-181b-5p	MIMAT0000257	YP00204530	M05	hsa-miR-486-5p	MIMAT0002177	YP00204001
E06	hsa-miR-181c-5p	MIMAT0000258	YP00204683	M06	hsa-miR-487b-3p	MIMAT0003180	YP00204489
E07	hsa-miR-181d-5p	MIMAT0002821	YP00204789	M07	hsa-miR-488-3p	MIMAT0004763	YP00204469
E08	hsa-miR-182-3p	MIMAT0000260	YP00204098	M08	hsa-miR-489-3p	MIMAT0002805	YP00204395
E09	hsa-miR-182-5p	MIMAT0000259	YP00206070	M09	hsa-miR-491-5p	MIMAT0002807	YP00204695
E10	hsa-miR-183-3p	MIMAT0004560	YP00205673	M10	hsa-miR-492	MIMAT0002812	YP00204053
E11	hsa-miR-183-5p	MIMAT0000261	YP00206030	M11	hsa-miR-493-3p	MIMAT0003161	YP00204557
E12	hsa-miR-184	MIMAT0000454	YP00204601	M12	hsa-miR-493-5p	MIMAT0002813	YP00204166
E13	hsa-miR-185-3p	MIMAT0004611	YP00205710	M13	hsa-miR-494-3p	MIMAT0002816	YP00204579
E14	hsa-miR-185-5p	MIMAT0000455	YP00206037	M14	hsa-miR-495-3p	MIMAT0002817	YP00206015
E15	hsa-miR-186-5p	MIMAT0000456	YP00206053	M15	hsa-miR-497-3p	MIMAT0004768	YP00205660
E16	hsa-miR-187-3p	MIMAT0000262	YP00204018	M16	hsa-miR-497-5p	MIMAT0002820	YP00204354
E17	hsa-miR-18a-3p	MIMAT0002891	YP00204523	M17	hsa-miR-498-5p	MIMAT0002824	YP00204150
E18	hsa-miR-18a-5p	MIMAT0000072	YP00204207	M18	hsa-miR-499a-5p	MIMAT0002870	YP00205935
E19	hsa-miR-18b-5p	MIMAT0001412	YP00204084	M19	hsa-miR-500a-5p	MIMAT0004773	YP00204794
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E24	hsa-miR-192-5p	MIMAT0000222	YP00204099	M24	hsa-miR-507	MIMAT0002879	YP00205662
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F02	hsa-miR-193a-5p	MIMAT0004614	YP00204665	N02	hsa-miR-511-5p	MIMAT0002808	YP00204046
F03	hsa-miR-193b-3p	MIMAT0002819	YP00204226	N03	hsa-miR-512-3p	MIMAT0002823	YP00204382
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F05	hsa-miR-194-3p	MIMAT0004671	YP00204204	N05	hsa-miR-517a-3p	MIMAT0002852	YP00206019
F06	hsa-miR-194-5p	MIMAT0000460	YP00204080	N06	hsa-miR-518b	MIMAT0002844	YP00204405
F07	hsa-miR-195-3p	MIMAT0004615	YP00204128	N07	hsa-miR-518c-3p	MIMAT0002848	YP00204554
F08	hsa-miR-195-5p	MIMAT0000461	YP00205869	N08	hsa-miR-519a-3p	MIMAT0002869	YP00205919
F09	hsa-miR-196a-3p	MIMAT0004562	YP02117597	N09	hsa-miR-519c-3p	MIMAT0002832	YP00204016
F10	hsa-miR-196a-5p	MIMAT0000226	YP00204386	N10	hsa-miR-519d-3p	MIMAT0002853	YP00204062
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F12	hsa-miR-197-3p	MIMAT0000227	YP00204380	N12	hsa-miR-520b-3p	MIMAT0002843	YP00205939
F13	hsa-miR-198	MIMAT0000228	YP00204341	N13	hsa-miR-520c-3p	MIMAT0002846	YP00204497
F14	hsa-miR-199a-3p	MIMAT0000232	YP00204536	N14	hsa-miR-520e-3p	MIMAT0002825	YP00204013
F15	hsa-miR-199a-5p	MIMAT0000231	YP00204494	N15	hsa-miR-520g-3p	MIMAT0002858	YP00204055
F16	hsa-miR-199b-5p	MIMAT0000263	YP00204152	N16	hsa-miR-524-3p	MIMAT0002850	YP00204030
F17	hsa-miR-19a-3p	MIMAT0000073	YP00205862	N17	hsa-miR-542-3p	MIMAT0003389	YP00205444
F18	hsa-miR-19a-5p	MIMAT0004490	YP00205604	N18	hsa-miR-542-5p	MIMAT0003340	YP00204198
F19	hsa-miR-19b-3p	MIMAT0000074	YP00204450	N19	hsa-miR-552-3p	MIMAT0003215	YP00206032
F20	hsa-miR-200a-3p	MIMAT0000682	YP00204707	N20	hsa-miR-570-3p	MIMAT0003235	YP00204694
F21	hsa-miR-200a-5p	MIMAT0001620	YP00206063	N21	hsa-miR-584-5p	MIMAT0003249	YP00204568
F22	hsa-miR-200b-3p	MIMAT0000318	YP00206071	N22	hsa-miR-586	MIMAT0003252	YP00204205
F23	hsa-miR-200b-5p	MIMAT0004571	YP00204144	N23	hsa-miR-588	MIMAT0003255	YP00205885
F24	hsa-miR-200c-3p	MIMAT0000617	YP00204482	N24	hsa-miR-592	MIMAT0003260	YP00204375
G01	hsa-miR-200c-5p	MIMAT0004657	YP02119294	O01	hsa-miR-596	MIMAT0003264	YP00204002
G02	hsa-miR-202-3p	MIMAT0002811	YP00205990	O02	hsa-miR-601	MIMAT0003269	YP00204426
G03	hsa-miR-203a-3p	MIMAT0000264	YP00205914	O03	hsa-miR-605-5p	MIMAT0003273	YP00205594
G04	hsa-miR-204-3p	MIMAT0022693	YP02113689	O04	hsa-miR-607	MIMAT0003275	YP00204649
G05	hsa-miR-204-5p	MIMAT0000265	YP00206072	O05	hsa-miR-608	MIMAT0003276	YP00204286

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
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G07	hsa-miR-205-5p	MIMAT0000266	YP00204487	O07	hsa-miR-622	MIMAT0003291	YP00205615
G08	hsa-miR-206	MIMAT0000462	YP00206073	O08	hsa-miR-625-5p	MIMAT0003294	YP02119372
G09	hsa-miR-20a-3p	MIMAT0004493	YP00204052	O09	hsa-miR-629-5p	MIMAT0004810	YP00204370
G10	hsa-miR-20a-5p	MIMAT0000075	YP00204292	O10	hsa-miR-630	MIMAT0003299	YP00204392
G11	hsa-miR-20b-3p	MIMAT0004752	YP00204569	O11	hsa-miR-635	MIMAT0003305	YP00205936
G12	hsa-miR-20b-5p	MIMAT0001413	YP00204755	O12	hsa-miR-637	MIMAT0003307	YP00205679
G13	hsa-miR-210-3p	MIMAT0000267	YP00204333	O13	hsa-miR-650	MIMAT0003320	YP00204233
G14	hsa-miR-211-3p	MIMAT0022694	YP02119691	O14	hsa-miR-652-3p	MIMAT0003322	YP00204387
G15	hsa-miR-211-5p	MIMAT0000268	YP00204009	O15	hsa-miR-652-5p	MIMAT0022709	YP02102689
G16	hsa-miR-212-3p	MIMAT0000269	YP00204170	O16	hsa-miR-661	MIMAT0003324	YP00204657
G17	hsa-miR-21-3p	MIMAT0004494	YP00204302	O17	hsa-miR-663a	MIMAT0003326	YP00204284
G18	hsa-miR-214-3p	MIMAT0000271	YP00204510	O18	hsa-miR-708-5p	MIMAT0004926	YP00204490
G19	hsa-miR-215-5p	MIMAT0000272	YP00204598	O19	hsa-miR-744-5p	MIMAT0004945	YP00204663
G20	hsa-miR-21-5p	MIMAT0000076	YP00204230	O20	hsa-miR-7-5p	MIMAT0000252	YP02119317
G21	hsa-miR-216a-5p	MIMAT0000273	YP00204167	O21	hsa-miR-765	MIMAT0003945	YP00204071
G22	hsa-miR-216b-5p	MIMAT0004959	YP00204289	O22	hsa-miR-885-3p	MIMAT0004948	YP00204136
G23	hsa-miR-217-5p	MIMAT0000274	YP00204010	O23	hsa-miR-885-5p	MIMAT0004947	YP00204473
G24	hsa-miR-218-5p	MIMAT0000275	YP00206034	O24	hsa-miR-92a-3p	MIMAT0000092	YP00204258
H01	hsa-miR-219a-5p	MIMAT0000276	YP00204780	P01	hsa-miR-92b-3p	MIMAT0003218	YP00204384
H02	hsa-miR-221-3p	MIMAT0000278	YP00204532	P02	hsa-miR-93-5p	MIMAT0000093	YP00204715
H03	hsa-miR-222-3p	MIMAT0000279	YP00204551	P03	hsa-miR-9-3p	MIMAT0000442	YP00204620
H04	hsa-miR-222-5p	MIMAT0004569	YP00204314	P04	hsa-miR-95-3p	MIMAT0000094	YP00204288
H05	hsa-miR-223-3p	MIMAT0000280	YP00205986	P05	hsa-miR-9-5p	MIMAT0000441	YP00204513
H06	hsa-miR-223-5p	MIMAT0004570	YP00204529	P06	hsa-miR-96-3p	MIMAT0004510	YP00205899
H07	hsa-miR-22-3p	MIMAT0000077	YP00204606	P07	hsa-miR-96-5p	MIMAT0000095	YP00204417
H08	hsa-miR-224-3p	MIMAT0009198	YP00204629	P08	hsa-miR-98-5p	MIMAT0000096	YP00204640
H09	hsa-miR-224-5p	MIMAT0000281	YP02119313	P09	hsa-miR-99a-3p	MIMAT0004511	YP00204520
H10	hsa-miR-22-5p	MIMAT0004495	YP00204255	P10	hsa-miR-99a-5p	MIMAT0000097	YP00204521
H11	hsa-miR-23a-3p	MIMAT0000078	YP00204772	P11	hsa-miR-99b-3p	MIMAT0004678	YP00204064
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H14	hsa-miR-23b-5p	MIMAT0004587	YP00205873	P14	cel-miR-39-3p	MIMAT0000010	YP00203952
H15	hsa-miR-24-3p	MIMAT0000080	YP00204260	P15	SNORD44 (hsa)	N/A	YP00203902
H16	hsa-miR-25-3p	MIMAT0000081	YP00204361	P16	SNORD38B (hsa)	N/A	YP00203901
H17	hsa-miR-25-5p	MIMAT0004498	YP00204031	P17	SNORD49A (hsa)	N/A	YP00203904
H18	hsa-miR-26a-5p	MIMAT0000082	YP00206023	P18	U6 snRNA (v2)	N/A	YP02119464
H19	hsa-miR-26b-3p	MIMAT0004500	YP02119315	P19	cel-miR-39-3p	MIMAT0000010	YP00203952
H20	hsa-miR-26b-5p	MIMAT0000083	YP00204172	P20	UniSp2	N/A	YP00203950
H21	hsa-miR-27a-3p	MIMAT0000084	YP00206038	P21	UniSp4	N/A	YP00203953
H22	hsa-miR-27a-5p	MIMAT0004501	YP00206021	P22	UniSp5	N/A	YP00203955
H23	hsa-miR-27b-3p	MIMAT0000419	YP00205915	P23	UniSp6	N/A	YP00203954
H24	hsa-miR-27b-5p	MIMAT0004588	YP00204219	P24	UniSP3	N/A	YP02119288

Ordering Information

Product	Contents	Cat. no.
miRCURY LNA miRNA Focus PCR Panels	miRCURY LNA miRNA PCR Panels for application-based miRNome profiling, available in 96-well or 384-well format; for SYBR® Green-based detection	339325
miRCURY LNA miRNA miRNome PCR Panels	miRCURY LNA miRNA PCR Panels for PCR-based miRNome profiling, available in 384-well format; for SYBR® Green-based detection	339322
miRCURY LNA miRNA QC PCR Panel	miRCURY LNA miRNA PCR Panel of quality control assays, available in 96-well or 384-well format; for SYBR® Green-based detection	339331
miRCURY LNA miRNA Custom PCR Panels	8 identical, ready-to-use 96- or 384-well plates; each well contains primers sufficient for one 10 µl reaction; for SYBR® Green-based detection	339330
miRCURY LNA Custom PCR Panel Additional Plate	Additional miRCURY LNA Custom PCR Panel plates; set of 4 plates; only available in addition to the base plates ordered through the core product (cat. no. 339330)	339332
miRCURY LNA miRNA PCR Assays	Contains forward and reverse primers for 200 SYBR® Green-based, real-time qPCR reactions, 166 EvaGreen-based digital PCR reactions for Nanoplate 8.5k or 50 EvaGreen-based digital PCR reactions for Nanoplate 26k	339306
miRCURY LNA miRNA Probe PCR Assays	Complete premixed assays containing LNA-enhanced target-specific forward primer and probe. For 200 reactions.	339350
miRCURY LNA miRNA Custom Probe PCR Assays	Custom-designed, target-specific forward primer and probe for any user-defined miRNA target. Complete premixed assay for 200 reactions.	339351

Related Products

Product	Contents	Cat. no.
miRCURY LNA RT Kit	For 8–64 cDNA synthesis reactions: 5x RT SYBR Green Reaction Buffer, 5x RT Probe Reaction Buffer, 10x RT Enzyme Mix, UniSp6, RNA Spike-in template, RNase-Free Water	339340
RNA Spike-In Kit, For RT	Contains the UniSp2, UniSp4, and UniSp5 RNA Spike-in Template Mix and the cel-miR-39-3p RNA Spike-in Template	339390
miRCURY LNA SYBR® Green PCR Kits (200)	For 200 reactions: 2X miRCURY SYBR Green Master Mix, RNase-Free Water	339345
miRCURY LNA SYBR® Green PCR Kits (600)	For 600 reactions: 2X miRCURY SYBR Green Master Mix, RNase-Free Water	339346
miRCURY LNA SYBR® Green PCR Kits (4000)	For 4000 reactions: 2X miRCURY SYBR Green Master Mix, RNase-Free Water	339347
miRCURY LNA Probe PCR Kit (200)	For 200 reactions: 2X QuantiNova Probe Master Mix, 10X miRCURY Probe Univ. Primer, Rox Reference Dye, RNase-Free Water	339371
miRCURY LNA Probe PCR Kit (800)	For 800 reactions: 2X QuantiNova Probe Master Mix, 10X miRCURY Probe Univ. Primer, Rox Reference Dye, RNase-Free Water	339372
miRCURY LNA Probe PCR Kit (4000)	For 4000 reactions: 2X QuantiNova Probe Master Mix, 10X miRCURY Probe Univ. Primer, Rox Reference Dye, RNase-Free Water	339373
miRCURY LNA miRNA PCR Starter Kit	Two miRCURY LNA PCR Assays of your choice, spike-in control Assay (UniSp6), one candidate endogenous control assay (miR-103-3p) and all reagents for 20 reverse transcription reactions and 100 PCR amplifications; for SYBR® Green-based qPCR detection	339320

Important

The miRCURY LNA™ miRNA PCR Panels are Ready-to-Use and designed for optimal performance with the miRCURY LNA RT Kit and the miRCURY LNA SYBR® Green PCR Kit. The performance of the primer sets will be affected when used in combination with less than optimal reagents. Use the miRCURY LNA miRNA PCR Panel Handbook for experiment setup. RNA work requires specific handling and precautions should be taken to prevent RNase contamination and degradation of the RNA sample and reagents.

Shipping and storage

The Ready-to-Use miRCURY LNA miRNA PCR Panels are shipped at room temperature and can be stored at 4°C for at least 6 months. For long term storage, it is recommended to place the panels at -20°C. Under these conditions, the LNA PCR primers are stable for at least 6 months after receipt.

Intended use

miRCURY LNA miRNA PCR Assays are intended for molecular biology applications. This product is not intended for the diagnosis, prevention or treatment of a disease.

Safety information

When working with chemicals, always wear a suitable lab coat, disposable gloves, and protective goggles. For more information, please consult the appropriate safety data sheets (SDSs). These are available online in convenient and compact PDF format at **www.qiagen.com/safety** where you can find, view and print the SDS for each QIAGEN kit and kit component.

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